

## BIBLIOGRAPHY

C. FITZHUGH TALMAN, in Charge of Library

## RECENT ADDITIONS

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

- Alt, Eugen.** Wind und Wetter. Leipzig. [Vorw. 1925.] 109 p. figs. plates (fold.) 15½ cm. (Bücher der Naturwissenschaften 31. Bd.)
- Australia. Commonwealth bureau of meteorology.** Map showing principal river basins of Australia. Melbourne. 1925. 1 sheet. 50½ x 61 cm.
- Bahia. Serviço de estatística.** Metereologia. p. 21-56. plates. 23½ cm. (Dir. do Serv. de estat. do estado da Bahia. Anuario estatístico. 1924. v. 1. Terr. e pop.)
- Bastamoff, S. L., & Witkiewitch, W. J.** Les spectres aérodynamiques des pluviomètres. Moscou. 1926. 9 p. plates (fold.) 26½ cm. (Edition des Observ. aérol. de Moscou et geophys. a koutshine.) [Text in Russian and French.] [Describes wind-tunnel experiments to observe air-currents around wind-gauges.]
- Bergsten, Folke.** Mälarens vattenstånd åren 1887-1925. Stockholm. 1926. 20 p. plate. 31½ cm. (Medd. Statens met.-hydrog. anst., Bd. 3, N:o 9.)
- Bernard, Augustin, & Flotte de Roquevaire, R. d.** Atlas d'Algérie et de Tunisie. Alger. 1923-1924. fasc. 1-3. unp. figs. charts. 63 cm. (Rép. franç. Gouv. gen. de l'Algérie. Dir. l'agr. du comm. et de la colonis. Serv. cartograph.) [Climatic charts.]
- Campo, Gabriel.** Sondeos de la atmósfera libre en Barcelona con globos pilotos, desde el 1º de Julio de 1924 al 31 de Diciembre de 1925. Barcelona. 1926. 95 p. figs. 21½ cm. (Serv. met. de Cataluña. Notas de estudio. N.º 33.)
- Coudersport mine. Coudersport, Pa.** History and description of the Coudersport ice mine . . . Coudersport. n. d. 24 p. plates. 20 cm.
- Danilow, L.** Wetterwellen zur Kenntnis der langwährenden Witterungsperioden. Ukrmet. 1925. 212, iii p. figs. 27 cm. [Text in Ukrainian, résumé in German.]
- Dörr, J. N.** Tafeln zur Bestimmung des Wasserdampfgehaltes der Luft (Dampfdruck, Sättigungs-Defizit, Taupunkt usw.) mittelst eines Haarhygrometers und Thermometers . . . Anleitung zur Behandlung eines Haarhygrometers und zur Verwertung für die lokale Wettervorhersage, by A. Schlein. Wien. 1925. 32 p. 25½ cm.
- Estalella, José.** Corolarios a una teoría del choque de retroceso. p. 419-426. illus. 21½ cm. (Anales Soc. Española de fis. y quim., t. 23, 1925.)
- Influencia de los pararrayos en las fulminaciones secundarias. p. 318-322. figs. 21½ cm. (Anales de la Soc. Española de fis. y quim., t. 24, 1926.)
- Febrero, Joaquín.** Lluvias en Cataluña durante el año meteorológico comprendido entre el 1º de Diciembre de 1924 y el 30 de Noviembre de 1925. Barcelona. 1926. 24 p. figs. 21½ cm. (Serv. met. de Cataluña. Notas de estudio. N.º 34.)
- Gamba, Pericle.** Risultato dei lanci di palloni-sonda effettuati nel R. Osservatorio geofisico di Pavia negli anni 1923-1924. Roma. 1926. 17 p. 26½ cm. (Rivista meteorico agraria, 1925.)
- Gold, G.** Numerical index of meteorological conditions on an aerodrome or on an air route for comparison with flying statistics. n. p. n. d. 7 p. 50 cm. (IIIe Congrès internat. de nav. aérienne. no. 420.)
- Goodnough, X. H.** Rainfall in New England. p. 178-247. illus. 23½ cm. (Repr.: Journ. New Eng. water works assoc., v. 40, no. 2, c1926.)
- Griffiths, Ezer.** Methods of measuring temperature. 2nd ed. rev. London. 1925. xii, 203 p. illus. 23 cm.
- Hamburg.] Deutsche Seewarte. Funk-Wetter. Liste und Schlüssel der Wetterfunksprüche, funkentelegraphischen Zeitsignale und Eismeldungen. 7th Aufl. Altona. 1926. 133 p. 23½ cm.
- Funkwetter. Beiheft. 7th Aufl. Buchstabenerläuterung und Umrechnungstabellen. Altona. 1926. 31 p. 23 cm.
- Hann, Julius von.** Lehrbuch der Meteorologie. 4te umgearb. Auflage, herausgegeben von Reinhard Süring. Leipzig. 1926. xv, 867 p. figs. plates (part fold.) 26½ cm.
- Harries, Henry.** Colliery warnings, 1881-1918. Edinburgh. 1926. 16 p. 23 cm.
- On the relation between barometric pressure and gas pressure in mines. p. 307-318. figs. plate. 22½ cm. (Repr.: Mo. notices Roy. astron. soc. Geophys. suppl. vol. 1, no. 7, June 1926.)
- Hill, E. Vernon, co.** Aerological instruments. Chicago. n. d. 34 p. illus. 23 cm.
- Hobbs, William H.** Glacial anticyclones; the poles of the atmospheric circulation. New York. 1926. xxiv, 198 p. illus. diagrs. maps. front. 23½ cm.
- International meteorological committee.** Commission internationale pour la création d'un bureau international. n. p. 1926. 18 p. 27½ cm. (C. B. I. No. 18.) [Manifolded.]
- Kidson, E.** Annual variation in the velocity of cirrus cloud over Melbourne. p. 159-163. fig. 24½ cm. (Repr.: Proc. Roy. soc. Victoria, v. 38. (new ser.) July, 1926.)
- Observations from the Willis Island meteorological station. Adelaide. 1926. p. 155-169. figs. 21½ cm. (Report Australasian assoc. adv. sci., v. 17, 1924.)
- Köhler, Hilding.** Zur Thermodynamik der Kondensation an hygroskopischen Kernen und Bemerkungen über das zusammenfließen der Tropfen. Stockholm. 1926. 16 p. figs. 31½ cm. (Medd. Statens met.-hydrog. anstalt. Bd. 3, N:o 8.)
- McDonald, W. F.** Climatic factors in the agriculture of Louisiana and southern Mississippi. 60 p. illus. 23 cm. (La. state univ. & agric. & mech. coll. Exten. circ. 89, pt. 2, July, 1926.)
- Weather and sugar cane in Louisiana. v. p. 30½ cm. (Planter & sugar manuf., New Orleans, v. 76-77, May 29, June 5, 12, 19, 26, July 3, 10, 17, 1926.)
- Mascart, Jean.** Peut-on prédire le temps? Lyon. 1924. 74 p. figs. 28½ cm.
- Novák, Václav, & Šimek, Josef.** Fenologická pozorování na Moravě a ve Slezsku v r. 1923 a 1924. (Mit deutscher Zusammenfassung.) (With English abstract.) Praze. 1926. 72 p. maps. tables. 24½ cm. (Zprávy výzkumných ústavů zemědělských. Číslo 16.)
- Root, Clarence J.** Some problems of the weather man. p. 69-74. 23 cm. (Ill. state acad. sci., Trans. 18th annual meeting, Springfield, Feb. 20-21, 1925, v. 18.)
- Russia. Séction hydro-météorologique.** Observations hydro-météorologiques des expéditions hydrographiques. Fasc. 4. Observations hydrologiques faites en 1924. Leningrad. 1926. xii, 124 p. 30½ cm. [Text in Russian.]
- Schulz, Bruno.** Hydrographische Untersuchungen. A. Die periodischen und unperiodischen Schwankungen des Mittelwasserstandes an der flandrischen Küste (Oktober, 1915-September, 1918). Hamburg. 1920. 27 p. illus. plates (fold.) 29 cm. (Deutsche Seewarte. Aerologische und hydrographische Beobachtungen der deutschen Marine-Stationen während Kriegszeit 1914-1918. H. 1.)
- Sweden. Hydrografisk-biologiska kommissionens.** Fyrskopundersökning år 1925. [Göteborg. 1926.] 43 p. 33 cm.

**Torres, F. E. Magarinos.**

Justificação das normas de chuva da rede pluviométrica Brasileira. Rio de Janeiro. 1926. 14 p. 27½ cm.

**U. S. Coast and geodetic survey.**

Climate map of the Philippine Islands showing seasons and rainfall. Prepared by the U. S. Coast and geodetic survey from data furnished by the Philippine weather bureau from observations up to 1925. n. p. n. d. 1 sheet. 35½ x 45½ cm.

**U. S. Hydrographic office.**

Storm warning signals of the maritime countries of the world. Washington. 1925. 3 sheets. figs. 66½ x 96½ cm.

**Uruguay. Instituto meteorológico nacional.**

Eclipses de sol del 3 de Diciembre de 1918 y 29 de Mayo de 1919. Montevideo. 1920. 93 p. plates (part fold.) ~ 28½ cm.

Servicio semafórico. Montevideo. n. d. 2 sheets. illus. 41½ x 59 cm.

**Uruguay. Observatorio nacional.**

[Rainfall maps.] Años 1914 a 1924. n. p. n. d. [8 sheets.] 59 x 74½ cm.

**Watt, R. A. Watson.**

Directional recording of atmospherics; and An instantaneous direct-reading radiogoniometer, by R. A. Watson Watt and J. F. Herd. p. 596-622. figs. 28 cm. (Repr.: Journ. Inst. elec. engin., vol. 64, no. 353, May 1926.)

**Wegener, Alfred Lothar.**

Origin of continents and oceans. Trans. from the 3d German edition by J. G. A. Skerl. New York. [1924] xx, 212 p. illus. (incl. maps). diagrs. 23 cm.

**Widney, R. M.**

Earth's aerial storm tides . . . Los Angeles. c 1926. 17 p. illus. 16 cm.

**Wright, John Kirtland.**

Geographical lore of the time of the crusades; a study in the history of mediaeval science and traditions in western Europe. New York. 1925. xxi, 563 p. illus. (incl. maps). 21 cm. (Amer. geogr. soc. Research ser., no. 15.) [Meteorology, p. 166 fig.]

**RECENT PAPERS BEARING ON METEOROLOGY**

The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

**American motorist, Washington, D. C. v. 18. September, 1926.**

Cutlip, James E. Read 'em before they weep. What cloudland reveals to the touring motorist. p. 12-13; 40; 42.

**Annalen der Hydrographie und maritimen Meteorologie. Berlin. 54. Jahrgang, Mai 1926.**

Ahlgrimm, Fr. Versuche zur drahtlosen Bildübertragung der Ozeanwetterkarte an Schiffe auf dem Atlantischen Ozean. p. 205-206. [Describes radio transmission of a weather map of the Atlantic Ocean from Deutsche Seewarte to ship in midocean, April, 1926.]

Möller, Beobachtungen oberer Wolken in den Passatgegenden des Atlantischen Ozeans in den Jahren 1903 und 1904. p. 201-203.

Peppler, W. Die Temperaturverhältnisse bei Seerauch über dem Bodensee. p. 198-201.

Schostakowitsch, W. B. Über den Auf- und Zugang der Flüsse. p. 194-198.

**Archives des sciences physiques et naturelles. Genève. Mai-juin 1926.**

Jaquierod, Adrien. Influence de la pression sur la marche des montres. p. 94-120.

**Astronomie. Paris. 40. année. Mai 1926.**

Puig, Ignace. Le magnétisme terrestre et les aurores boréales. p. 193-204.

**California citrograph. Los Angeles. v. 11. October, 1926.**

Young, Floyd D. Desert winds and windbreak protection. p. 454; 484-487.

**Discovery. London. v. 7. September.**

Britton, C. The composition of the upper air. p. 317-319.

**Electrical world. New York. v. 88. 1926.**

Golladay, L. R. Arrester tests with the klydonograph. Results of investigations on several station-type autovalve arresters during summer and fall of 1925—Characteristics of lightning discharges observed for storms differing widely in degree of severity. p. 477-479. (Sept. 4.)

Peek, F. W., Jr. Lightning protection. A study of rods and cages with special reference to the minimizing of risk to oil tanks—models used in determining effective systems of protection of areas from direct lightning strokes. p. 572-574. (Sept. 18.)

**Engineering News-Record, New York, v. 97, September 16, 1926.**

Lightning strikes road. p. 447. [Abstr. of article by W. E. Wheat.]

France, Académie des sciences, Comptes rendus, Paris. t. 183. 1926. Deslandres, H. Loi de distribution des orages magnétiques terrestres, et loi correspondante de répartition des régions actives du soleil. p. 165-169. (19 juillet.)

Hubert, Henry. Les mouvements généraux de l'air atmosphérique en Afrique Occidentale. p. 229-231. (19 juillet.)

Moureu, Charles, & Lepape, Adolphe. Titre de l'air atmosphérique en krypton et xénon. p. 171-175. (19 juillet.)

Hubert, Henry. Premières observations relatives aux parasites atmosphériques en Afrique occidentale. p. 368-370. (2 août.)

Guilbert, Gabriel. Sur "l'état brumeux" de l'atmosphère ou "air brumeux." p. 427-429. (17 août.)

Franklin institute. Journal. Philadelphia. v. 202. September, 1926.

Marvin, C. F., & Kimball, H. H. Solar radiation and weather forecasting. p. 273-306.

Geographical journal. London. v. 68. September, 1926. p. 200-225.

Sandford, K. S. Summer in North-East Land, 1924: The climate and surface changes. p. 200-225.

Időjárás. Budapest. v. 30. Május-június 1926.

Hille, Alfred, Die Meteorologie von Gabriel Hevenesy S. J. aus dem Jahre 1728. p. 93-95.

Nagy, Zoltán. Die Sonnenscheinlauer in Budapest 1912-1925. p. 93;

Steiner, L. Das Periodogramm des mittleren jährlichen Luftdrucks in Budapest. p. 92.

Japanese journal of astronomy and geophysics. Transactions and abstracts. Tokyo. v. 3. no. 3. 1925.

Akiyama, Minesaburō. On the origin of the penetrating radiation. p. (12). [Abstract.]

Han'i, Kamezirō. On the diurnal variation of precipitation. p. (24). [Abstract.]

Han'i, Kamezirō. Southerly wind at Nase as an indication of coming rain in Japan. p. (24). [Abstract.]

Han'i, Kamezirō. Visibility observed at Tateno. p. (2). [Abstract.]

Hirata, Tokutarō. Influence of forest upon climate. p. (30). [Abstract.]

Hirata, Tokutarō. On the relation between the evaporation of water and climatic elements. p. (19). [Abstract.]

Horie, Otoya, & Konisi, Tatehiko. Weather folklore. p. (29). [Abstract.]

Horiguti, Yosimi. From a forecaster's note book. p. (17). [Abstract.]

Horiguti, Yosimi. Instability rain caused by juxtaposition of two air currents of different temperatures. p. (22). [Abstract.]

Horiguti, Yosimi. On the prediction of shower. p. (22). [Abstract.]

Horiguti, Yosimi. A possible relation between droughts and sunspots. p. (25). [Abstract.]

Idumi, Matuo. On the relation between the atmospheric pressure in China and the depth of snow at Takata. p. (21). [Abstract.]

Isikawa, Takamu. Note on the atmospheric pressure as an impulsive agent in causing earthquakes and volcanic eruptions. p. (39). [Abstract.]

Isimaru, Yūkiti. Some observations of a typhoon which passed near Naha (Luchow) on July 11, 1924. p. (18). [Abstract.]

Isimaru, Yūkiti. Upper cloud observation during the passage of a typhoon. p. (18)-(19). [Abstract.]

Katutani, Minoru. On the rainfall at Kokota, Idumo. p. (25). [Abstract.]

Kodama, Hirosi. Effects of climatic conditions on the yielding of cocoon. p. (29). [Abstract.]

Konisi, Tatehiko. The origin of swell. p. (32). [Abstract.]